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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/083,298 05/22/98 CREIGHTON

D PD-96065

QM12/0114

EXAMINER

RAYTHEON COMPANY  
BLDG C01  
MS A126  
P O BOX 80028  
LOS ANGELES CA 90080-0028

TRINH, M

ART UNIT PAPER NUMBER

3729

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DATE MAILED:

01/14/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

<b>Office Action Summary</b>	Application No.	Applicant(s)
	09/083,298	CREIGHTON ET AL.
Examiner	Art Unit	
Minh Trinh	3729	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_\_.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-11 is/are pending in the application.
  - 4a) Of the above claim(s) 11 is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-10 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- 11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved.
- 12) The oath or declaration is objected to by the Examiner.

#### Priority under 35 U.S.C. § 119

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
    - a) All b) Some \* c) None of the CERTIFIED copies of the priority documents have been:
      1. received.
      2. received in Application No. (Series Code / Serial Number) \_\_\_\_\_.
      3. received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. & 119(e).

#### Attachment(s)

- |   |  |
|---|--|
| 14) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                  | 17) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____  |
| 15) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)         | 18) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 16) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 19) <input type="checkbox"/> Other: _____                                    |

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## DETAILED ACTION

### *Election/Restrictions*

1. Applicant's election with traverse of the invention of Group I, claims 1-10, in Paper No. 4 is acknowledged. The traversal is on the ground(s) that the examiner has not established a prima facie case of serious burden of examination of the inventions of Groups I and II together. This is not found persuasive because the examiner has, established a prima facie case having shown in paper No.2 (first paragraph), that the invention of group I has a separate classification (class 29, subclass 739) from either the inventions of Group II (Class 29, subclass 830). Moreover, the inventions of Group I and II each have a separate status in the art and clearly have a separate field of search. In accordance with MPEP §803, the examiner has demonstrated that the inventions of Group I and II are each independent or distinct as claimed ( indicated in Paper No.2 ) and a serious burden would be placed on the examiner as discussed above. The requirement is still deemed proper and is therefore made **FINAL**.

2. Claim 11 is withdrawn from further consideration by the examiner, 37 CFR 1.142(b), as being drawn to non elected invention of a method for making a product (Group II) the requirement having been traversed in Paper No. 4.

3. The drawings are objected to under 37 CFR 1.83(a) because they fail to show item number 130 as described in the specification. Any structural detail that is essential

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for a proper understanding of the disclosed invention should be shown in the drawing.

MPEP § 608.02(d). Correction is required.

***Claim Rejections - 35 USC § 112***

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claim 10 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. For example in claims 1-9 applicant claimed the assembly patentability. However, in claim 9 applicant particular claimed a high density electrical assembly. therefore it is not clear if applicant is solely relying on the assembly for patentability or if applicant is relying on the high density electrical assembly for patentability. Note that examiner assumed that applicant relying on an electrical assembly.

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application

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by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

7. Claims 1-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Scholz (US 5,093,987).

A conductor assembly having at least one elongate conductor 22 adapted to engage a first electrical contact 94 on the first substrate on one end and a second electrical contact 94 on the second end thereof, the conductor being adapted to provide a spring force and for retaining the conductor in abutting with at least one of the contacts (figs1-10, abstract, lines 1-22, col 9, lines 60-col 10 lines 34). Note that the traces broadly readably as contacts.

8. Claims 1-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Pope et al (US 5,093,987).

A conductor assembly having at least one elongate conductor 12 adapted to engage a first electrical contact 13 on the first substrate on one end and a second electrical contact 13 on the second end thereof, the conductor being adapted to provide a spring force and for retaining the conductor in abutting with at least one of the contacts (figs1-2, col 8, lines 32-col 11, lines 44, col 18, lines 52- col 21 line 20).

### ***Conclusion***

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9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Minh Trinh whose telephone number is (703) 305-2887. The examiner can normally be reached on Monday -Friday 8:00 am to 4:30 pm..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lee Young can be reached on (703) 308 2572. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305-7307 for regular communications and (703) 305-3579 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1148.

mt  
January 6, 2000

  
1/1/2000  
LEE YOUNG  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3700